## INTRODUCTION

The ESV Program originated more than thirty years ago under the North Atlantic Treaty Organization (NATO) Committee on the Challenges of Modern Society, and was implemented through bilateral agreements between the governments of the United States, France, the Federal Republic of Germany, Italy, the United Kingdom, Japan, and Sweden. The participating nations agreed to develop experimental safety vehicles to advance the state-of-the-art technology in automotive engineering and to meet periodically to exchange information on their progress. Since its inception the number of international partners has grown to include the governments of Canada, Australia, The Netherlands, Hungary, Poland, and two international organizations -- the European Enhanced Vehicle-safety Committee, and the European Commission. A representative from each country and organization serves as a Government Focal Point in support of the Conference

The research papers and status reports contained on this CD-ROM are unedited and address efforts worldwide relevant to the reduction of motor vehicle related fatalities and injuries.

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# 18th ESV Technical Session Chairpersons

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#### United States of America

Dr. Riley Garrott

Vehicle Rollover Stability and Rollover Crash Protection



Mr. Peter O'Reilly

\*Compatibility in Frontal/Side Collisions



Mr. Keith Rodgers NCAP Related to Existing Test Procedures



Japan

Dr. Koshiro Ono

Real World Data Acquisition, Injury Risk Assessments and Functional Capacity Metrics



Sweden

Mr. Anders Lie

Advanced Technology #1 Passive Restraint Systems



Dr. Rolf Eppinger

\*Biomechanics #1: Injury Criteria & Dummy Development

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**France** 

Mr. Dominique Cesari Biomechanics #2: Injury Criteria & Dummy Development



#### **Poland**

Dr. Cezary Szczepaniak Safety of Heavy Trucks, Buses and Truck Tires



#### Australia

Mr. Keith Seyer

\*Developments in Side Impact Protection



## Japan

Mr. Yoshiyuki Mizuno

\*Improved Safety for Vulnerable Road Users



#### Canada

Dr. Y. Ian Noy

\*Advanced Intelligent Technologies - ITS



The Netherlands

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## Germany

Dr. med. Bernd Friedel Advanced Technology #2 Driver-Vehicle Safety/Driver Performance



## Canada

Mr. Dainius Dalmotas
Developments In Frontal Impact Protection

# 2003 U.S. Government Award Recipients

# **Safety Engineering Excellence**

Keith Seyer

Karl-Heinz Baumann

Jean-Pierre Verriest

Masaki Yamamoto

Bryan Chinn

Stephen W. Rouhana

Australia

Germany

France

Japan

UK

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# **Special Award of Appreciation**

Bernd Friedel Germany
Siegfried Eichinger Germany
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